Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062317\

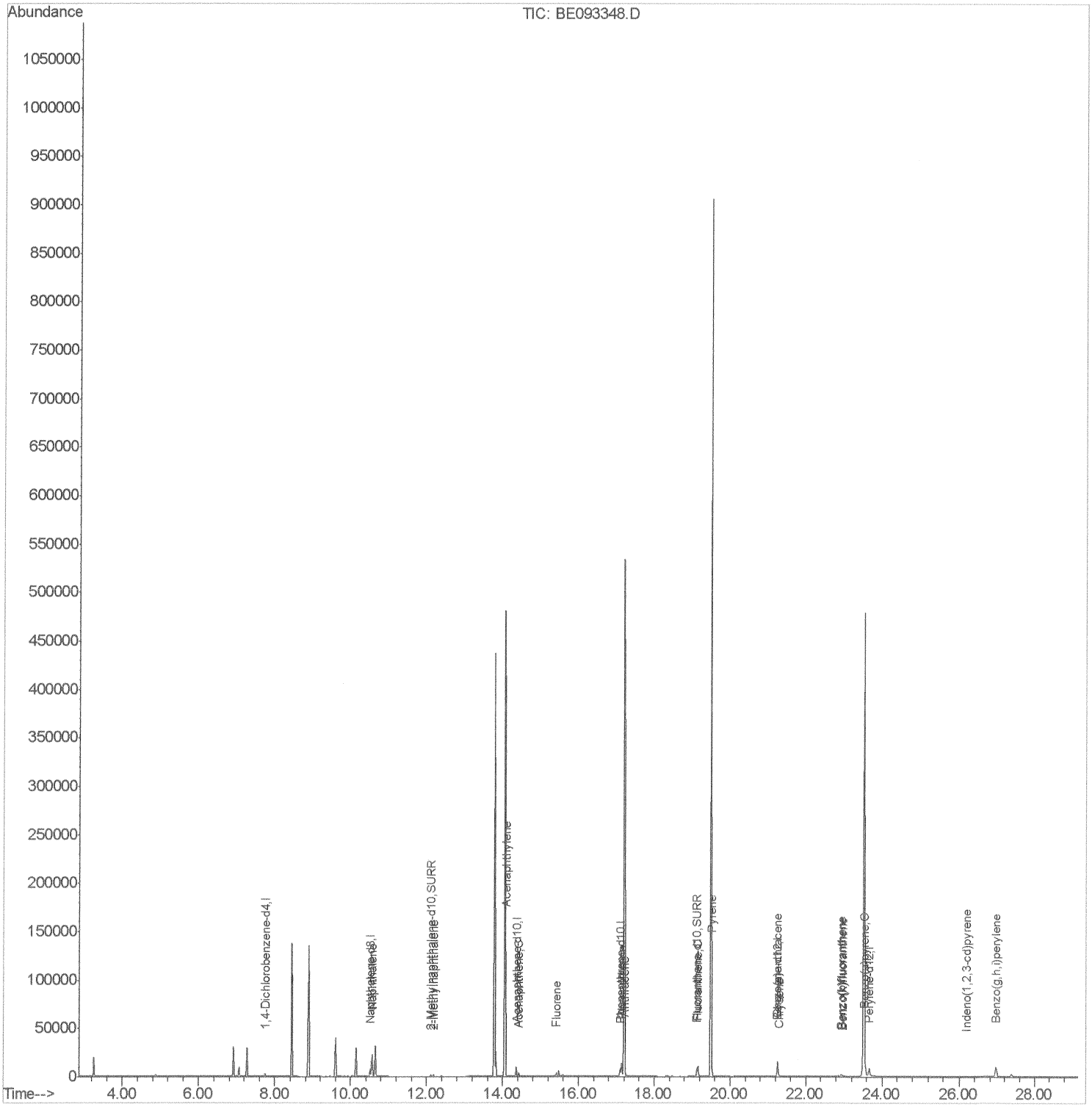
Quantitation Report (QT Reviewed)

Data File : BE093348.D
Acq On : 23 Jun 2017 22:00
Operator : SJ/JU
Sample : I3627-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 24 05:00:57 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 24 04:29:07 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5A47

Manual Integrations APPROVED
mohammad
6/29/2017 8:33:28 AM



Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062317\

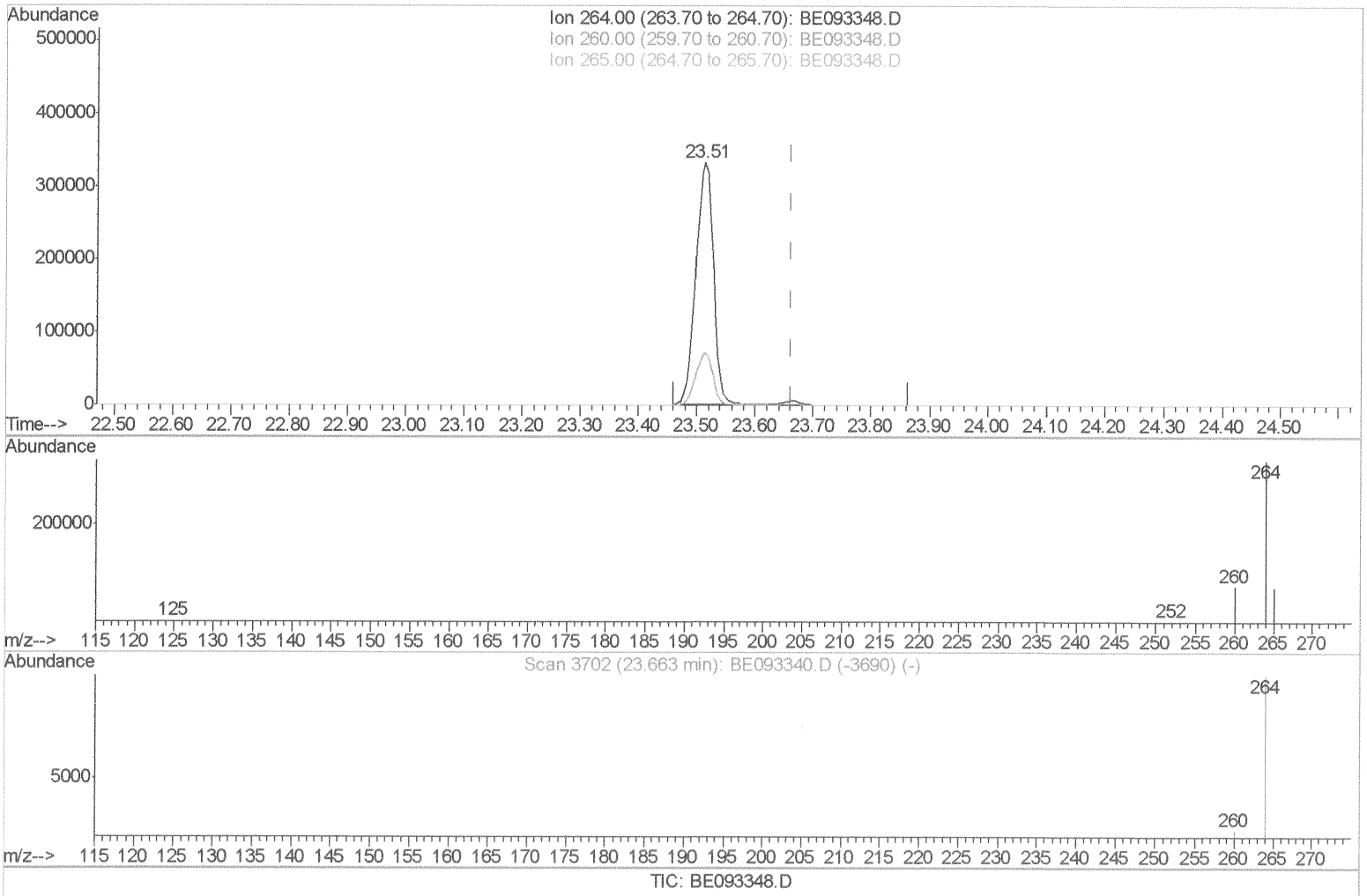
Quantitation Report (Qedit)

Data File : BE093348.D
Acq On : 23 Jun 2017 22:00
Operator : SJ/JU
Sample : I3627-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 24 04:30:06 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 24 04:29:07 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5A47

Manual Integrations APPROVED
mohammad
6/29/2017 8:33:28 AM



TIC: BE093348.D

(20) Perylene-d12 (I)

23.513min (-0.150) 0.40ng/ul

response 689434

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.78#
265.00	103.50	21.32#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062317\

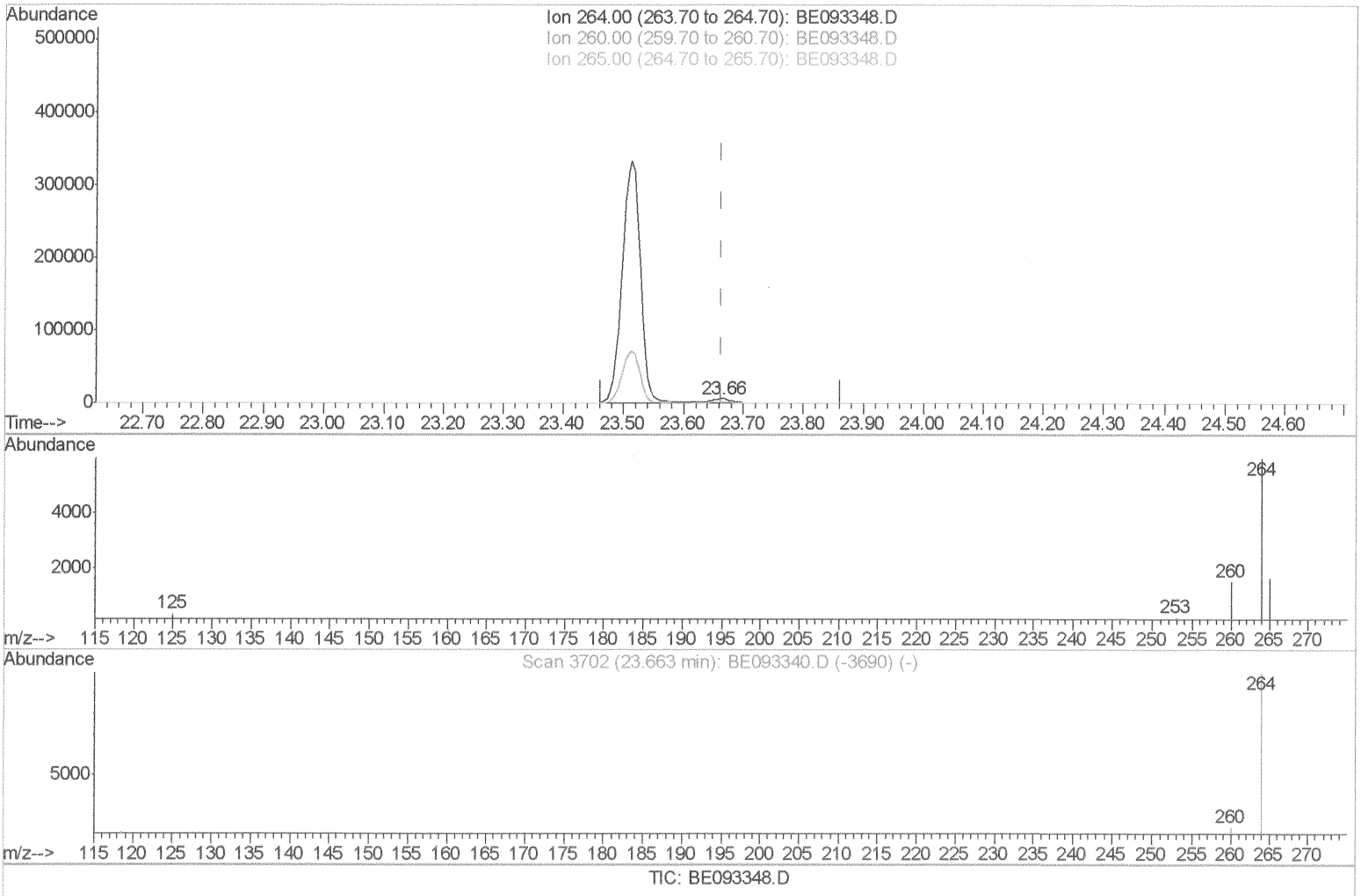
Quantitation Report (Qedit)

Data File : BE093348.D
Acq On : 23 Jun 2017 22:00
Operator : SJ/JU
Sample : I3627-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 24 04:30:06 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 24 04:29:07 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5A47

Manual Integrations APPROVED
mohammad
6/29/2017 8:33:28 AM



TIC: BE093348.D

(20) Perylene-d12 (I)

23.664min (+0.000) 0.40ng/ul m SJ 6/29/17

response 10881

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.24
265.00	103.50	27.20#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062317\

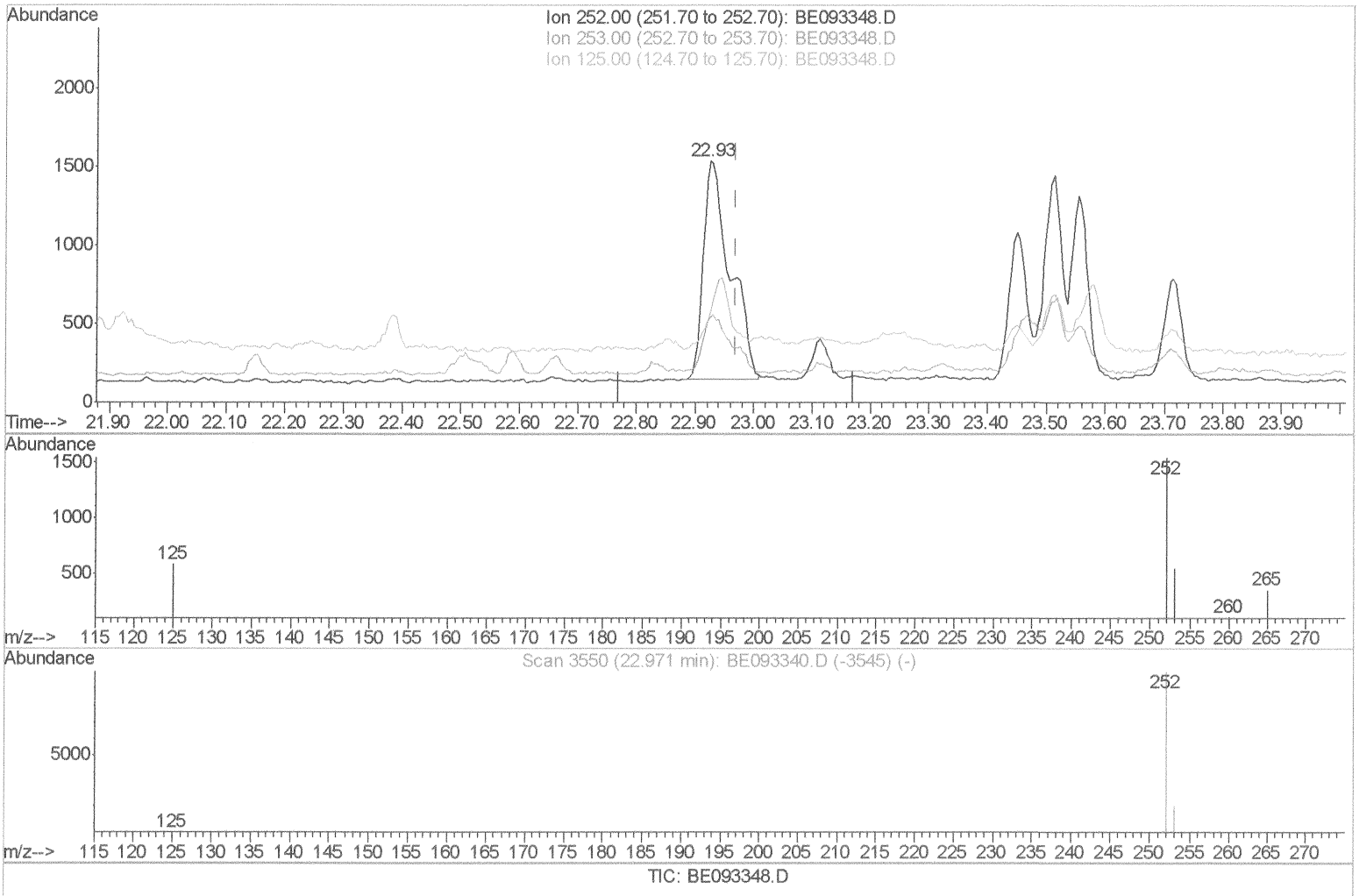
Quantitation Report (Qedit)

Data File : BE093348.D
Acq On : 23 Jun 2017 22:00
Operator : SJ/JU
Sample : I3627-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 24 04:59:28 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 24 04:29:07 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5A47

Manual Integrations APPROVED
mohammad
6/29/2017 8:33:28 AM



TIC: BE093348.D

(22) Benzo(k)fluoranthene

22.926min (-0.045) 0.13ng/ul

response 4440

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	35.35
125.00	17.10	37.83#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062317\

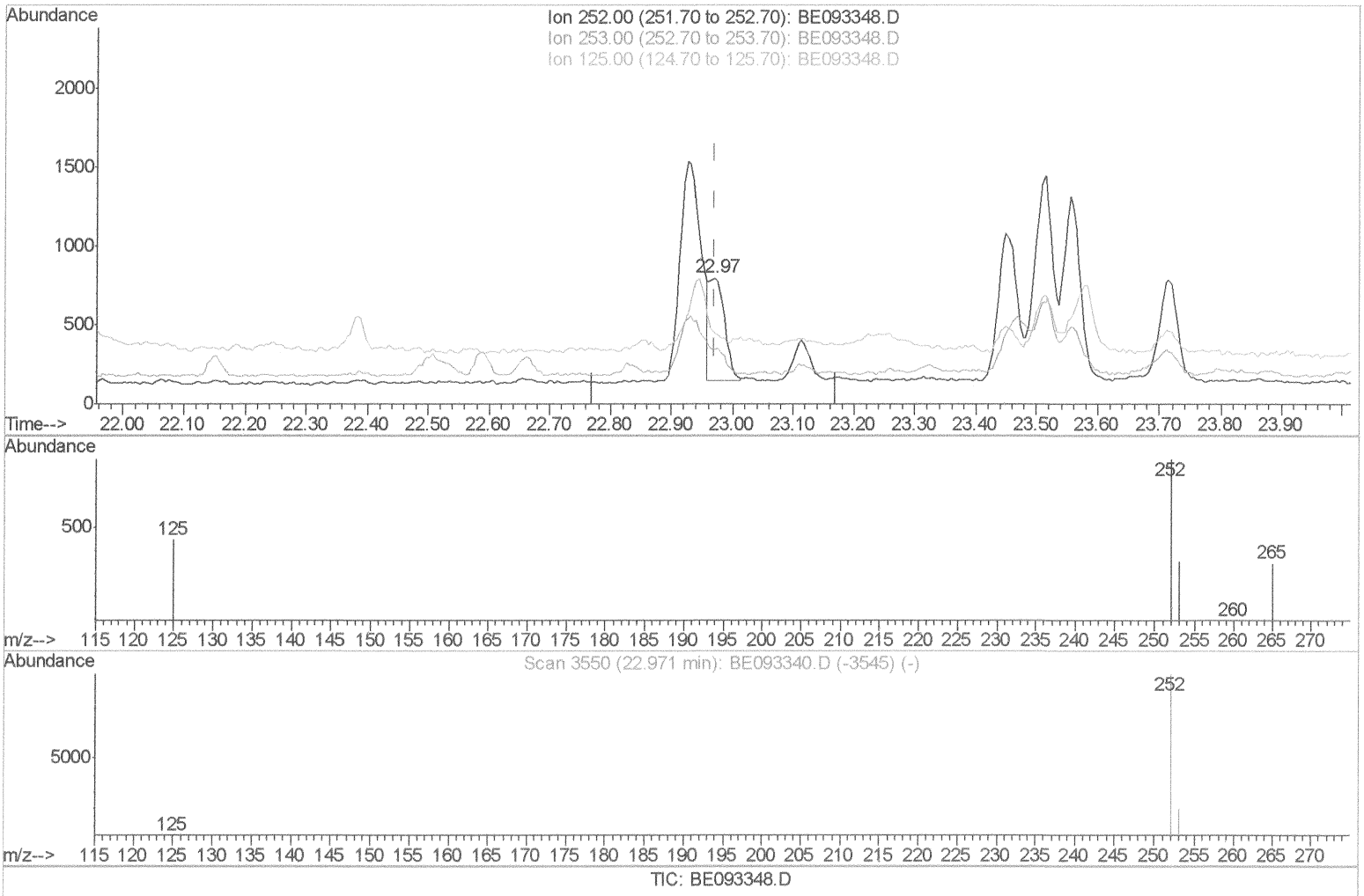
Quantitation Report (Qedit)

Data File : BE093348.D
Acq On : 23 Jun 2017 22:00
Operator : SJ/JU
Sample : I3627-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 24 04:59:28 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 24 04:29:07 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5A47

Manual Integrations APPROVED
mohammad
6/29/2017 8:33:28 AM



TIC: BE093348.D

(22) Benzo(k)fluoranthene

22.972min (+0.000) 0.03ng/ul m SJ 6/29/17

response 1113

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	44.11#
125.00	17.10	55.89#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062317\

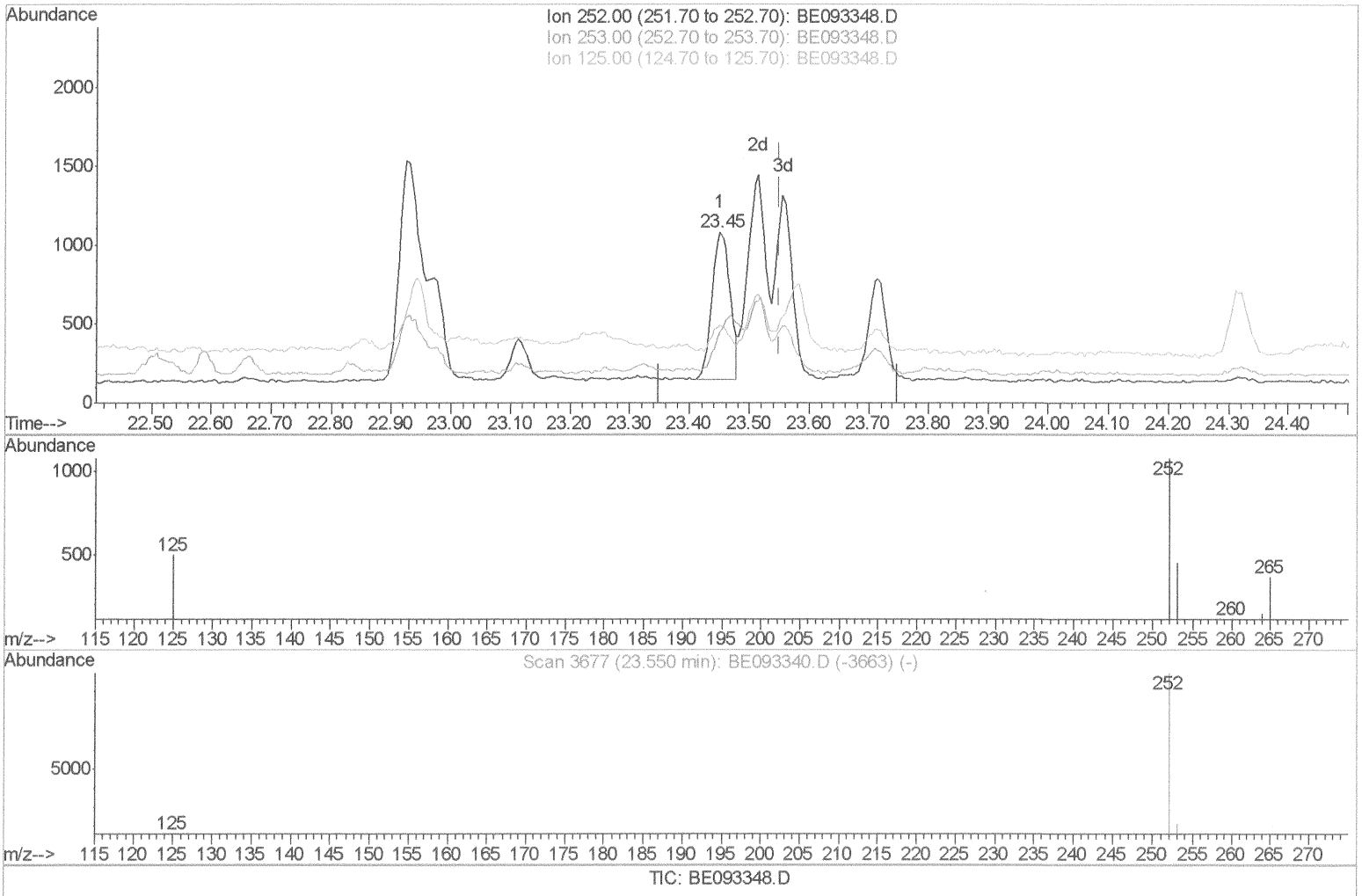
Quantitation Report (Qedit)

Data File : BE093348.D
Acq On : 23 Jun 2017 22:00
Operator : SJ/JU
Sample : I3627-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 24 04:59:28 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 24 04:29:07 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5A47

Manual Integrations APPROVED
mohammad
6/29/2017 8:33:28 AM



TIC: BE093348.D

(23) Benzo(a)pyrene (C)

23.450min (-0.100) 0.06ng/ul

response 1973

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	41.63
125.00	22.60	45.70#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062317\

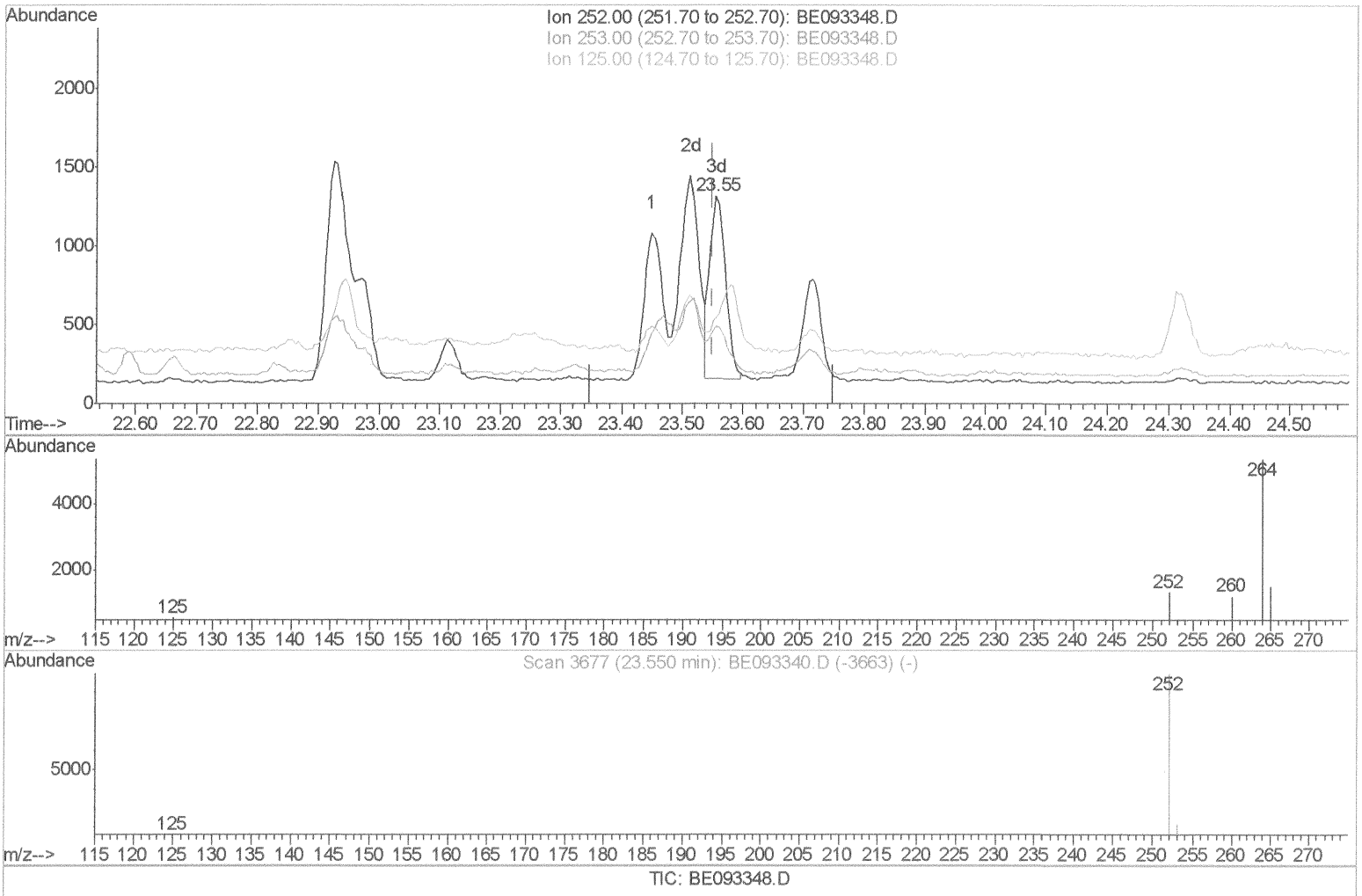
Quantitation Report (Qedit)

Data File : BE093348.D
Acq On : 23 Jun 2017 22:00
Operator : SJ/JU
Sample : I3627-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 24 04:59:28 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 24 04:29:07 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5A47

Manual Integrations APPROVED
mohammad
6/29/2017 8:33:28 AM



TIC: BE093348.D

(23) Benzo(a)pyrene (C)

23.554min (+0.005) 0.07ng/ul m SJ 6/29/17

response 2088

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	37.03
125.00	22.60	41.37#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062317\

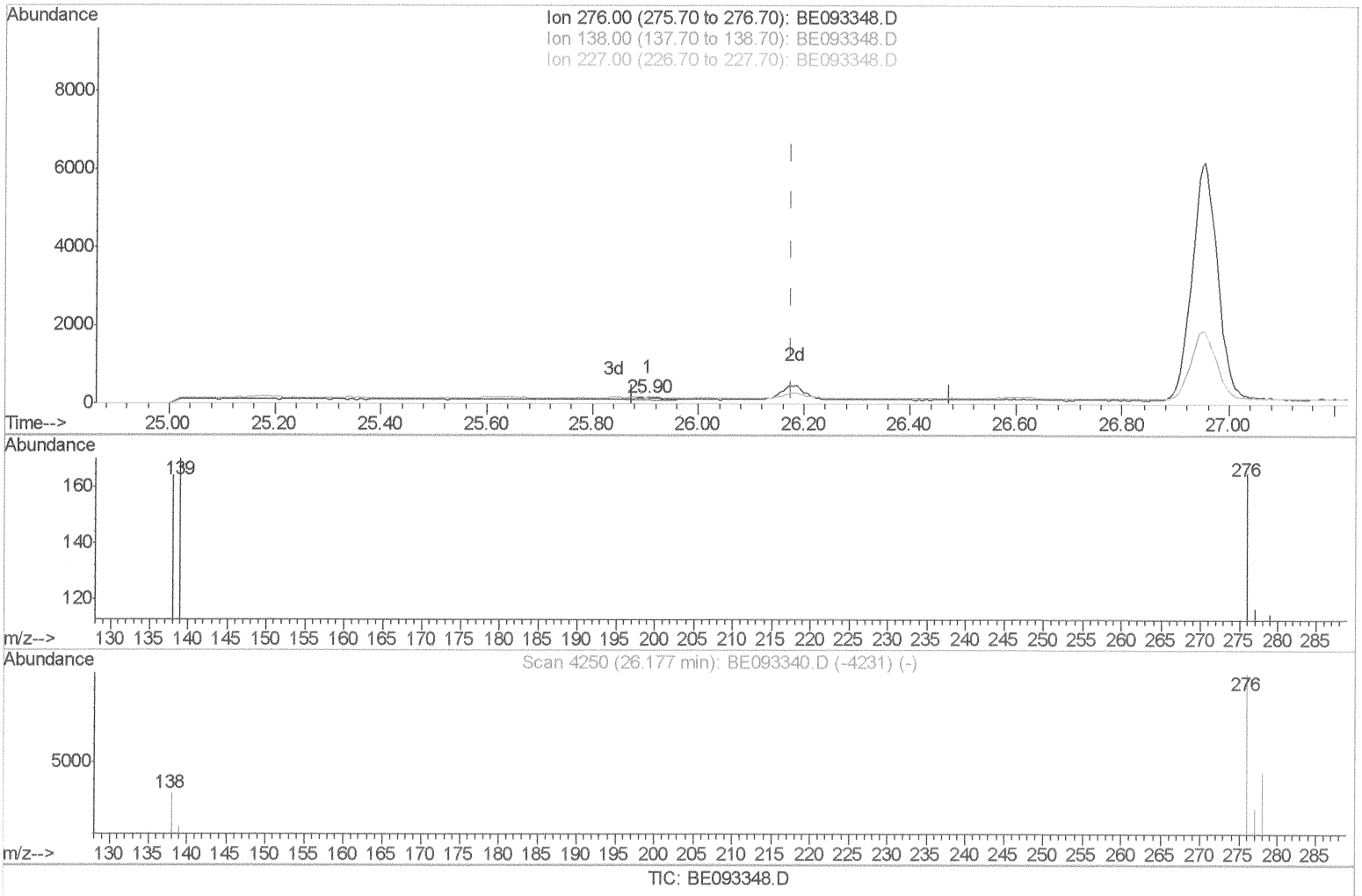
Quantitation Report (Qedit)

Data File : BE093348.D
Acq On : 23 Jun 2017 22:00
Operator : SJ/JU
Sample : I3627-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 24 05:00:09 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 24 04:29:07 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5A47

Manual Integrations APPROVED
mohammad
6/29/2017 8:33:28 AM



TIC: BE093348.D

(24) Indeno(1,2,3-cd)pyrene

25.904min (-0.273) 0.01ng/ul

response 187

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.00#
227.00	10.00	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062317\

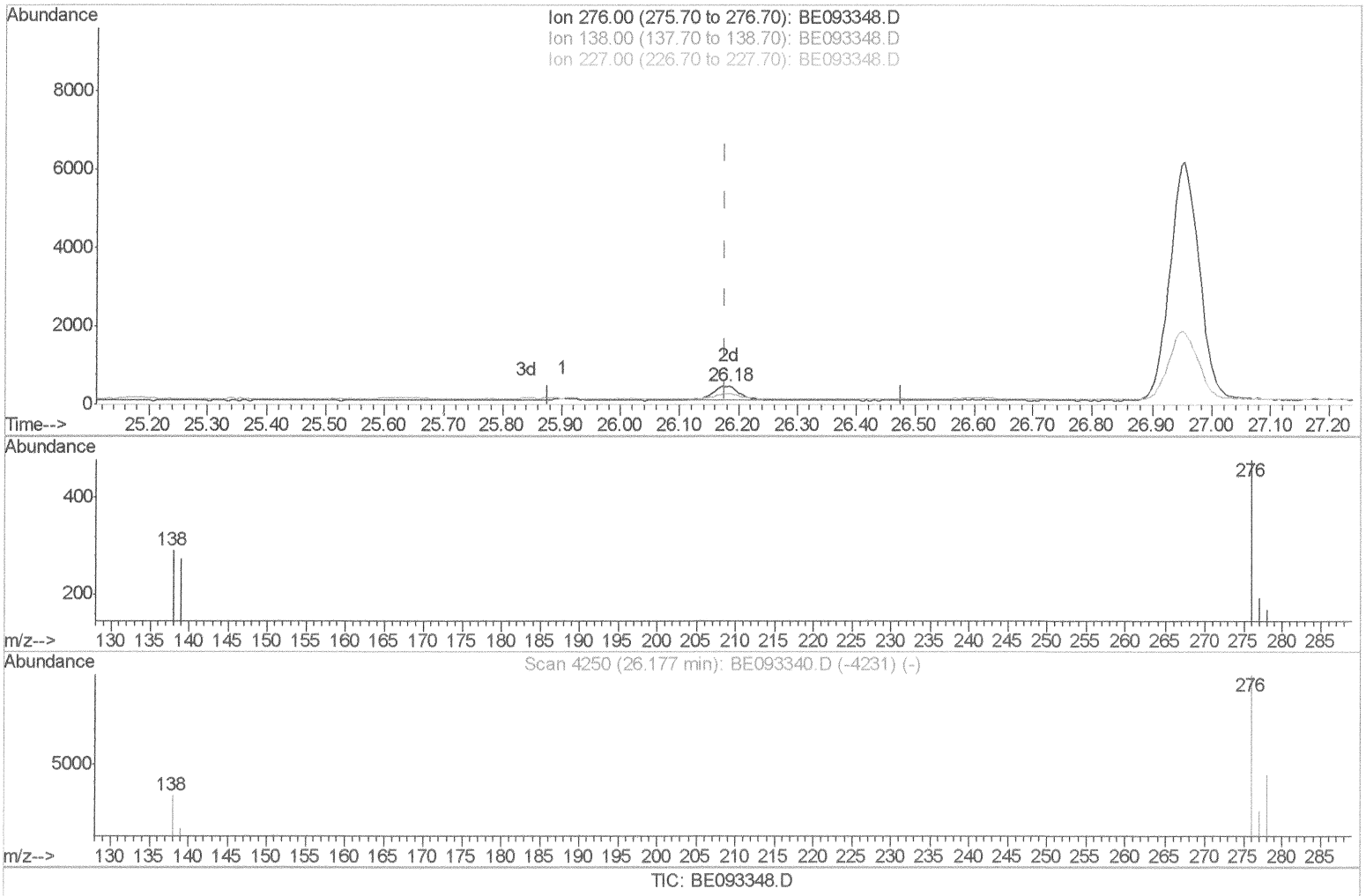
Quantitation Report (Qedit)

Data File : BE093348.D
Acq On : 23 Jun 2017 22:00
Operator : SJ/JU
Sample : I3627-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 24 05:00:09 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 24 04:29:07 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5A47

Manual Integrations APPROVED
mohammad
6/29/2017 8:33:28 AM



TIC: BE093348.D

(24) Indeno(1,2,3-cd)pyrene

26.182min (+0.005) 0.03ng/ul m SJ 6/29/17

response 1173

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.00#
227.00	10.00	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062317\

Quantitation Report (QT Reviewed)

Data File : BE093348.D
Acq On : 23 Jun 2017 22:00
Operator : SJ/JU
Sample : I3627-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 24 05:00:57 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 24 04:29:07 2017
Response via : Initial Calibration

Instrument : BNA_E
ClientSampleId : F5A47

Manual Integrations APPROVED
mohammad
6/29/2017 8:33:28 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	1584	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	8358	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5364	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	12451	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	12803	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	10881m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	3608	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	9937	0.29	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.56	128	34006	1.64	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	2370	0.17	ng/ul	99
7) Acenaphthylene	14.08	152	1356	0.06	ng/ul#	88
8) Acenaphthene	14.42	153	2209	0.12	ng/ul	98
9) Fluorene	15.41	166	2800	0.13	ng/ul	92
12) Phenanthrene	17.14	178	14696	0.43	ng/ul#	91
13) Anthracene	17.22	178	7119	0.24	ng/ul#	91
15) Fluoranthene	19.15	202	12081	0.29	ng/ul	84
17) Pyrene	19.51	202	11828	0.31	ng/ul#	88
18) Benzo(a)anthracene	21.24	228	3289	0.10	ng/ul#	86
19) Chrysene	21.29	228	3286	0.09	ng/ul	91
21) Benzo(b)fluoranthene	22.93	252	3322	0.10	ng/ul#	80
22) Benzo(k)fluoranthene	22.97	252	1113m	0.03	ng/ul	
23) Benzo(a)pyrene	23.55	252	2088m	0.07	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.18	276	1173m	0.03	ng/ul	
26) Benzo(g,h,i)perylene	26.95	276	20937	0.68	ng/ul	97

SJ 6/29/17

SJ 6/29/17

(#) = qualifier out of range (m) = manual integration (+) = signals summed